

## SUMMARY OF AWD MEETINGS RELATED TO GROUNDWATER PROTECTION

By Derrick Chin, Planning Board Liaison to AWD  
8/04/2014

### 6/16/2014 Meeting and Follow Up

Attendees: Matt Mostoller, Environmental Compliance Manager, AWD  
Chris Allen, District Manager, AWD  
Evan Carloni, Health Department  
Derrick Chin, Planning Board

Matt M passed out a draft of a Proposed RFP for Groundwater Protection Review. Goal is to finalize RFP by 6/23/2014 and send out by 6/30/2014.

The final version was sent out on 6/24/2014 and three firms responded by 7/07/2014. I will forward to the PB a 6/24/2014 email by Matt M that has a link to the final version.

- Tighe & Bond
- AMEC Massachusetts, Inc.
- Geosphere Environmental Management, Inc. (selected by AWD).

I will forward to the PB a 7/09/2014 an email by Matt M that has a link to the three firms' proposals.

### 7/22 2014 Meeting

Attendees: Matt Mostoller  
Chris Allen  
Evan Carloni  
Derrick Chin  
Ray Talkington, President/ Principal Hydrogeologist, Geosphere

### Summaries of tasks extracted by Derrick C from Geosphere proposal

#### Task 1.

Review existing bylaws related to Groundwater Protection, Stormwater Management, and Hazardous Materials. Goal is to identify changes that would provide a greater level of resource protection, clarify the process, and/or streamline compliance for property owners.

#### Task 1a.

Amending Zoning Bylaw related to Groundwater Protection District

- Requires preparation of a Warrant Article
- Must hold a public meeting
- Requires a 2/3 super majority vote of Town Meeting
- Following Town Meeting, Attorney General must approve language of amendments.

#### Task 1b.

Amending "Chapter U-Discharge to the Municipal Storm Drain System"

- Requires a simple majority vote of Town Meeting. This is a General Bylaw.

#### Task 1c.

Amending "Hazardous Materials Control Bylaw"

- Requires a simple majority vote of Town Meeting.

Task 2.

Identifying areas for improvement; instances where Bylaws overlap or conflict, and propose resolutions for issues identified.

Task 3.

Facilitate Local Stakeholder Group in proposing amendments.

Task 4.

Review assumptions used to define Acton Zones 3 and 4 Groundwater Protection Districts.

Task 5.

Review Acton Zone 2 delineation for Assabet Wellfield.

- Discuss where deficiencies may exist
- It appears a potential part of Zone 2 was not included in existing delineation. Reason for this exclusion not known.

Task 6.

Review local application of wetland and wastewater regulations as they pertain to Groundwater Protection.

**Meeting Comments**

Zone 1. Well Protection Area. **Comment:** 400 ft circle around a well ~ 11 acres. Acton Zone 1 seems larger.

Zone 2. Recharge Protection Area. **Comment:** Recharge is what Acton should live off of. Not use so much water that Groundwater level is lowered.

Zone 3. Aquifer Protection Area.

Zone 4. Wellfield Protection Area.

**Non-specific comments.**

Groundwater, **not pumped**, moves about 1 ft/year. Groundwater, **pumped**, could move up to 1 ft/second.

Acton Sand and Gravel is running a composting operation that may be impacting Acton Groundwater.